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The genealogy of Changura's wives could likewise be traced through his mother's father. A woman ascertains who are her potential husbands by going back to her mother's "tabular" father, or her mothers "alternative" father, as well as her father's father, from which point the pedigree is the same in principle as that of last paragraph. It is manifest, therefore, that whichever one of the four specific women which a man is allowed to take as a wife, possesses practically the same relationship to him, although through different channels. The lineage from which a man obtains his wife is decided by the elders of the tribe.

PARRAMATTA, NEW SOUTH WALES.

February, 1905.

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*Stated Meeting, April 7, 1905.*

President SMITH in the Chair.

A letter was read from Mr. James Douglas describing a so-called shower of toads which he saw in the Sulphur Spring Valley, Arizona, and confirming the observations of Dr. C. C. Abbott (see these PROCEEDINGS, Vol. XLIII, p. 163).

The decease was announced of the following members:

Henri Louis Fréderic de Saussure, at Geneva, Switzerland,  
on February 20, 1905, æt. 75.

F. A. Randall, M.D., at Warren, Pa., on January 23, 1905.

Dr. Alexander C. Abbott read a paper on "Epidemic Cerebro-Spinal Meningitis."

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*General Meeting, April 12, 13, and 14, 1905.*

*April 12,*

*Afternoon Session.*

President SMITH in the Chair.

The President opened the meeting with a brief address of welcome.

An invitation was received from the Naturwissenschaftliche Verein für Schleswig-Holstein to be represented at the cele-

bration of the Fiftieth Anniversary of its foundation to be held at Kiel on June 17 and 18 next. On motion, the President was authorized to appoint delegates.

The following papers were read:

"The Weal-Relation," by Prof. Lindley M. Keasbey, of Bryn Mawr, Pa.

"A Plea for Governmental Supervision of Posts Necessitating Normal Perception of Color," by Dr. Charles A. Oliver, of Philadelphia.

"The Present Status of the International Catalogue of Scientific Literature," by Dr. Cyrus Adler, of Washington.

"The Composite Character of the Babylonian Creation Story," by Prof. Morris Jastrow, Jr., of Philadelphia.

"The English Masque," by Prof. Felix E. Schelling, of Philadelphia.

"The Emancipation of the Waterways," by Prof. Lewis M. Haupt, of Philadelphia.

"The Beginnings of Lumbering as an Industry in the New World," by Mr. John E. Hobbs, of North Berwick, Maine.

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*April 13,  
Morning Session.*

President SMITH in the Chair.

The following papers were read:

"The Structure of the Lignified Cell Wall," by Prof. John M. Macfarlane, of Lansdowne, Pa.

"New Species of Genus Nepenthes," by Prof. John M. Macfarlane, of Lansdowne, Pa.

"On Thought Transference Among Animals by Touch and Scent," by Mr. Alden Sampson, of Haverford.

"Mosaic Development in Ascidian Eggs," by Prof. Edwin G. Conklin, of Philadelphia.

"The Oligodynamic Action of Copper on Some Intestinal Organisms," by Prof. Henry Kraemer, of Philadelphia.

"Observations on Columbium and Tantalum," by Dr. Edgar F. Smith, of Philadelphia.

"The Effects Upon Metabolism of Preservatives Added to Foods," by Dr. Harvey W. Wiley, of Washington.

"The Use of the Rotating Anode and Mercury Cathode in Electro-Analysis," by Lily G. Kollock and Dr. Edgar F. Smith, of Philadelphia.

*Afternoon Session.*

Vice-President SCOTT in the Chair.

The following papers were read:

"The Rounded Sands of Palæozoic Formations," by Mr. Gilbert van Ingen, of Princeton.

"A Review of Lacroix's Work on the Montagne Pelée," by Prof. Angelo Heilprin, of Philadelphia.

"Notes on the Genus Sinopa," by Dr. W. D. Matthew, of Princeton.

"The Mammalian Fauna of the Fort Union Beds," by Mr. M. S. Farr, of Princeton.

"The Marsupial Fauna of the Santa Cruz Beds," by Mr. W. J. Sinclair, of Princeton.

"The Mutual Affinities of the Species of the Genus Cambarus," by Dr. A. E. Ortmann, of Pittsburgh.

"The Faunal Relations of the Ryu-kyu (Loo Choo) Islands," by Dr. Henry A. Pilsbry, of Philadelphia.

*Evening Session.*

Prof. Russell H. Chittenden, of New Haven, read a paper on "Reason and Intelligence *vs.* Custom and Habit in the Nutrition of the Body."

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*April 14,*

*Morning Session.*

Vice-President NEWCOMB in the Chair.

The following papers were read:

"The Secular Perturbations of the Earth," by Mr. Eric Doolittle, of Upper Darby, Pa.

"On the Problem of Four Bodies," by Prof. Edgar Odell Lovett, of Princeton.

"Radio-Activity in Solar Phenomena," by Prof. Monroe B. Snyder, of Philadelphia.

"Evidence Relating to Latitude Variations of Short Periods. From Observations at the Flower Observatory During the Year 1904," by Prof. C. L. Doolittle, of Philadelphia.

"Enquiry Into the Pressure and Rainfall Conditions of the Trades-Monsoon Area, by W. L. Dallas, of the Meteorological Office, India.

"On the Construction of Isobaric Charts for Upper Levels and Their Dynamic Importance in Dynamic Meteorology," by Dr. J. W. Sandström, of Stockholm.

"The Straight Line Concept," by Prof. P. A. Lambert, of Bethlehem, Pa.

*Executive Session.*

President SMITH in the Chair.

The pending nominations for membership were read and the Society proceeded to an election.

*Afternoon Session.*

President SMITH in the Chair.

The Tellers of Election reported that the following candidates had been elected to membership :

*Residents of the United States:*

Joseph S. Ames, Ph.D., Baltimore ;

Thomas Chrowder Chamberlin, Ph.D., LL.D., Chicago ;

William Gilson Farlow, Cambridge ;

Charles H. Frazier, M.D., Philadelphia ;

David Starr Jordan, Stanford University, Cal. ;

George Lyman Kittredge, LL.D., Cambridge ;

Robert G. Le Conte, M.D., Philadelphia ;

Eliakim Hastings Moore, Chicago ;

George T. Moore, Ph.D., Washington ;

Richard A. F. Penrose, Jr., Ph.D., Philadelphia ;

Francis P. Venable, Ph.D., LL.D., Chapel Hill, N. C.;  
J. Edward Whitfield, Philadelphia;  
Bailey Willis, E.M., C.E., Washington.

*Foreign Residents :*

Yves Delage, Paris;  
Otto Nordenskjöld, Stockholm;  
William Matthew Flinders-Petrie, D.C.L., LL.D., F.R.S.,  
London;  
Edward Sievers, Leipzig;  
Sir William Turner Thiselton-Dyer, LL.D., Ph.D., F.R.S.,  
Kew, England.

The following papers were read:

"On the Theory of the Double Suspension Pendulum," by Prof. Robert S. Woodward, of New York.

"The Relation between the Economic Depth of a Bridge Truss and the Depth Which Gives Greatest Stiffness," by Prof. Mansfield Merriman, of South Bethlehem, Pa.

"On the Dispersion, Absorption, Fluorescence and Magnetic Rotation of Sodium Vapor," by Prof. Robert Williams Wood, of Baltimore.

"On a Possible Case of Scattering of the Ultra-Violet Light by Gas Molecules," by Prof. Robert Williams Wood, of Baltimore.

"The Use of the Falling Plate Oscillograph as a Phase Meter," Dr. William McClellan, of Philadelphia.

"On the Brains of *Scymnus*, *Mitsukurina* and *Chlamydo-selachus*, with Remarks Upon Selachian Brains from Stand-points Morphic, Ontogenetic, Taxonomic, Phylogenetic and Pedagogic," by Prof. Burt G. Wilder, of Ithaca.